



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H140376

Mode: Highway

Status: Submitted

SR-1518 (X Campbell Rd)

From/Cross Street: US 15-501 (Hillsboro St)

Specific Improvement Type: 5 - Construct Roadway on New Location

To: SR 1516 (Old Graham Rd)

Project Category: Division Needs

Length: 0.7

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$4,621,000

Description:

Construct 2-lanes on new location connecting existing X Campbell Rd at Old Graham Rd to US 15-501/Hillsboro St. Design includes multi-use sidepath, bike lanes, and sidewalks.

Division(s): Division 8

County(s): CHATHAM

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points:	Percent: 15% Points:

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 6.30 Safety (10%) 21.10 [Travel Time] Benefit/Cost (20%) 2.91	Percent: 25% Points:	Percent: 25% Points:
Totals: Weight: 50% Weighted Score: 3.95		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.8
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Local
Terrain Type:	Rolling
Lane Width:	9
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	1500
Capacity:	15800
Volume/Capacity Ratio:	0.09
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	47.34
Crash Severity:	0
Critical Crash Rate:	15.95
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	24
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	93
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	2E - 2 Lane Undivided with Curb & Gutter, Bike Lanes, and Sidewalks
Speed Limit:	35
Length (miles):	0.7
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Collector
Terrain Type:	Rolling
DOT Design Lane Width:	11
DOT Design Paved Shoulder Width:	0
Travel Time Savings for 30 Years (Total):	613978.91
Travel Time Savings for 30 Years (Autos):	613978.91
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	Pittsboro CTP
CTP/LRTP Completion Year:	2011
Submitted by:	Triangle Area RPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$4,260,000	Cost Estimation Tool
Right-of-Way Cost:	\$322,000	Cost Estimation Tool
Utilities Cost:	\$39,000	Cost Estimation Tool
Total Project Cost:	\$4,621,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$4,621,000	